

Word Problem Key Words for type of Operation And Vocabulary

Addition keywords

- SUM OF ____ AND ____
- TOTAL OF ____ AND ____
- ____ PLUS ____
- ____ INCREASED BY ____
- GAIN
- RAISE
- MORE
- INCREASE OF

Subtraction keywords

- DIFFERENCE BETWEEN ____ AND ____
- ____ MINUS ____
- ____ DECREASED BY ____
- LOSS
- LESS
- FEWER
- TAKE AWAY

Multiplication keywords

- MULTIPLY ____ BY ____
- PRODUCT OF ____ AND ____
- ____ TIMES ____
- DOUBLE ____
- TWICE ____
- TRIPLE ____
- PERCENT OF ____
- FRACTION OF ____

Division keywords

- QUOTIENT OF ____ AND ____
- DIVIDE ____ BY ____
- ____ DIVIDED BY ____
- DIVIDED EQUALLY

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Vocabulary Words Ch 1.1

Constant - A number that remains the same.

Variable – A symbol that represents a number.

Algebraic Expression- A mathematical sentence that contains variables or variables and constants.

Numeric Expression- A mathematical sentence that contains only numbers.

Solve- Finding the answer to an unknown (must have an “=” to be able to solve.)

Evaluate- To simplify an expression.

Other Key Properties.

Commutative Property- a property that allows values to be switched around if and only if the value remains the same.

Operations that CAN apply the commutative property

Addition $4+5 = 5+4$

Multiplication $4 \cdot 5 = 5 \cdot 4$

Operations that CAN NOT apply the commutative property

Subtraction $5-4 \neq 4-5$

Division $6 \div 2 \neq 2 \div 6$